Facility ID: 1409040847 Issuance type: Final State Permit To Operate

This version of facility specific terms and conditions was converted from a database format to an HTML file during an upgrade of the Ohio EPA, Division of Air Pollution Control's permitting software. Every attempt has been made to convert the terms and conditions to look and substantively conform to the permit issued or being drafted in STARS. However, the format of the terms may vary slightly from the original. In addition, although it is not expected, there is a slight possibility that a term and condition may have been inadvertently "left out" of this reproduction during the conversion process. Therefore, if this version is to be used as a starting point in drafting a new version of a permit, it is imperative that the entire set of terms and conditions be reviewed to ensure they substantively mimic the issued permit. The official version of any permit issued final by Ohio EPA is kept in the Agency's Legal section. The Legal section may be contacted at (614) 644-3037.

In addition to the terms and conditions, hyperlinks have been inserted into the document so you may more readily access the section of the document you wish to review.

Finally, the term language under "Part II" and before "A. Applicable Emissions Limitations..." has been added to aid in document conversion, and was not part of the original issued permit.

THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION

Facility ID: 1409040847 Emissions Unit ID: R004 Issuance type: Final State Permit To Operate

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Part II - Special Terms and Conditions

This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.

   (a) None.

2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.

   (a) None.

A. **Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
Dry filter spray coating booth #4	OAC 3745-31-05 (PTI 14-4014)	See A.2.a. thru A.2.d.
	OAC 3745-21-07(G)	See A.2.a.

2. **Additional Terms and Conditions**

   (a) On any day in which a photochemically reactive material (PRM) is employed in emissions units R001, R002, R003, R004 or R005, the organic compound (OC) emissions from each such emissions unit employing a PRM shall not exceed 8 pounds per hour and 40 pounds per day (including cleanup).
   On any day in which no PRM is employed in emissions units R001, R002, R003, R004 or R005, the OC emissions shall not exceed 9.93 pounds per hour and 150.86 pounds per day (including cleanup) as an average for all emissions units in which no PRM was employed.
   The total OC emissions (including cleanup) from emissions units R001, R002, R003, R004 and R005 combined shall not exceed 2.08 tons per month and 25 tons per year.
   The emissions of Hazardous Air Pollutants (HAPs), as identified in Section 112(b) of Title III of the Clean Air Act, from this facility shall be less than 10 TPY for any single HAP and 25 TPY for any combination of HAPs, based on a rolling, 12-month summation.

B. **Operational Restrictions**

None

C. **Monitoring and/or Record Keeping Requirements**

1. On any day in which a PRM is employed in emissions units R001, R002, R003, R004 or R005, the permittee shall maintain the following daily records for each such emissions unit for the day in which the PRM is employed:

   a. The company identification of each coating and cleanup material employed.
   b. The gallons of each coating and cleanup material employed.
   c. The OC content of each coating and cleanup material employed, in pounds per gallon.
   d. The total OC emissions from each emissions unit, i.e. the sum of (b)(c) for each coating and cleanup material employed, in pounds per day.
   e. The hours of operation for each emissions unit.
   f. The average hourly OC emissions rate for each emissions unit, i.e., (d)/(e), in pounds per hour.

   [Note: The coating information required in (c) must be for the coatings as applied, including any thinning solvents added at the coating line]

2. On any day in which no PRM is employed in emissions units R001, R002, R003, R004 or R005, the permittee shall maintain the following daily records for all such emissions units:

   a. The company identification of each coating and cleanup material employed.
   b. The gallons of each coating and cleanup material employed.
   c. The OC content of each coating and cleanup material employed, in pounds per gallon.
   d. The total OC emissions from all emissions units not employing a PRM, i.e. the sum of (b)(c) for each coating and cleanup material employed, in pounds per day.
   e. The total hours of operation for all emissions units not employing a PRM.
   f. The average hourly OC emissions rate for all emissions units not employing a PRM, i.e., (d)/(e), in pounds per hour.

[Note: The coating information in (c) must be for the coatings as applied, including any thinning solvents added at the coating line.]

3. The permittee shall maintain monthly records of the total OC emissions from emissions units R001, R002, R003, R004 and R005 combined in tons per month.

   The monthly OC emissions shall be determined by the sum of the daily records in C.1.d. and C.2.d.

4. The permittee shall collect and record the following information each month for the entire facility:

   a. The name and identification number of each coating, as applied.
   b. The individual Hazardous Air Pollutant (HAP)* content for each HAP of each coating, in pounds of individual HAP per gallon of coating, as applied.
   c. The total combined HAP content of each coating, in pounds of combined HAPs per gallon of coating, as applied (the sum of all the individual HAP contents from (b)).
   d. The number of gallons of each coating employed.
   e. The name and identification of each cleanup material employed.
   f. The individual HAP content for each HAP of each cleanup material, in pounds of individual HAP per gallon of cleanup material, as applied.
   g. The total combined HAP content of each cleanup material, in pounds of combined HAPs per gallon of cleanup material, as applied (the sum of all the individual HAP contents from (f)).
   h. The number of gallons of each cleanup material employed.
   i. The total individual HAP emissions for each HAP from all coatings and cleanup materials employed, in pounds or tons per month (for each HAP, the sum of (b) times (d) for each coating plus the sum of (f) times (h) for each cleanup material).
   j. The total combined HAP emissions from all coatings and cleanup materials employed, in pounds or tons per month (the sum of (c) times (d) for each coating plus the sum of (g) times (h) for each cleanup material).
   k. The rolling, 12-month summation of the total individual HAP emissions for each HAP from all coatings and cleanup materials employed, in tons per year.
   l. The rolling, 12-month summation of the total combined HAP emissions from all coatings and cleanup materials employed, in tons per year.
   *A listing of the Hazardous Air Pollutants (HAPs) can be found in Section 112(b) of the Clean Air Act or can be obtained by contacting your Ohio EPA field office or local air agency contact.

   Material Safety Data Sheets typically include a listing of the solvents contained in the coatings or cleanup materials. This information does not have to be kept on a line-by-line basis.

D. **Reporting Requirements**

1. The permittee shall notify the Director (the appropriate Ohio EPA field office) of any daily record when a PRM is employed in emissions units R001, R002, R003, R004 or R005 which shows an exceedance of the 8 pounds per hour and/or 40 pounds per day OC emissions limits. The report shall include a copy of each such record along with the actual average hourly OC emissions rate and the actual daily OC emissions for each emissions unit in which the OC emissions limits were exceeded. This report shall be submitted within 30 days following the exceedance.

2. The permittee shall notify the Director (the appropriate Ohio EPA field office) of any daily record when no PRM is employed in emissions units R001, R002, R003, R004 or R005 which shows an exceedance of the 9.93 pounds per hour and/or 150.86 pounds per day average OC emissions limits. The report shall include a copy of each such record along with the actual average hourly OC emissions rate and the actual average daily OC emissions for the emissions units in which the OC emissions limits were exceeded. This report shall be submitted within 30 days following the exceedance.

3. The permittee shall notify the Director (the appropriate Ohio EPA field office) of any monthly record which shows an exceedance of the 2.08 tons per month combined OC emissions limit. The report shall include a copy of each such record along with the actual monthly OC emissions. This report shall be submitted within 30 days following the exceedance.

4. The permittee shall also submit annual reports which specifiy the total OC emissions from emissions units R001 through R005, the individual HAP emissions from the facility, and the combined HAP emissions from the facility. These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

E. **Testing Requirements**

1. Formulation data or USEPA Method 24 (for coatings) or 24A (for flexographic and rotogravure printing inks and related coatings) shall be used to determine the OC contents of the inks and coatings.

2. Compliance with the OC emissions limits in A.2.a shall be demonstrated by record keeping in Term C.1.

3. Compliance with the OC emissions limits in A.2.b shall be demonstrated by record keeping in C.2.

4. Compliance with the OC emissions limits in A.2.c shall be demonstrated by record keeping in C.3.

5. Compliance with the HAP emissions limits in A.2.d shall be demonstrated by record keeping in C.4.

F. **Miscellaneous Requirements**

1. Except as otherwise defined in the terms A thru E, the following terms have the following meanings:

   "Average" in Terms A.2.b and C.1 shall mean total daily emissions divided by actual hours of operation in that day. Average hourly or daily emissions shall be calculated by adding the total daily/hourly emissions from emissions units R001, R002, R003, R004 and R005 which did not employ any photochemically reactive material (PRM) on a given day and dividing the sum by the total number of those emissions units.

   "Employed" shall mean the use of coatings and/or cleanup solvent in a manner which contributes directly to emissions, but shall not include such use which is a part of a recycle or reuse process or procedure, except for actual emissions.

   "PRM" shall mean any photochemically reactive material as defined in OAC 3745-21-01(C)(5).